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Date: October 12, 2004

To: Examiner Nikolas J. Uhler - Group 1773  
Fax No: (703) 872-9306From: Jonathan P. Taylor  
Tel. No: (312) 321-4254

Client No: 7814-43

No. of Pages  
(inc. this page): 8Confirmation Copy To Follow: Yes ☐ No ☒IF YOU HAVE ANY PROBLEMS RECEIVING THIS MESSAGE,  
PLEASE CALL 312-321-4200 AND ASK FOR: Jonathan Taylor

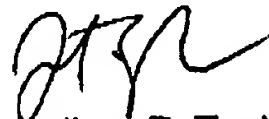
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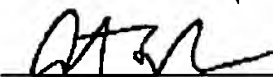
**COVER MESSAGE:**

Attached for filing for U.S. Patent Application Serial No. 09/694,090, filed October 19, 2000 is the following:

Transmittal letter; and  
Amendment and Request for Reconsideration.

Respectfully submitted,

Jonathan P. Taylor, Ph.D.  
Reg. No. 48,338  
Agent for Applicant

<b>CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. §1.8</b> I hereby certify that this correspondence, totaling 8 pages including facsimile cover sheet and reeled attachments, is being facsimile transmitted to the United States Patent and Trademark Office at facsimile no.: 703-872-9306 (Central number) on the below date: Date: <u>October 12, 2004</u> Name: <u>Jonathan P. Taylor, Reg. No. 48,338</u> Signature: 	
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: **Philippe Guyot-Sionnest**

Appln. No.: **09/694,090**

Filed: **October 19, 2000**

For: **DOPED SEMICONDUCTOR  
NANOCRYSTALS**

Examiner: **Nikolas J. Uhler**

Art Unit: **1773**

Attorney Docket No: **7814-43**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL**

Sir:

**Attached is/are:**

- ☒ Amendment and Request for Reconsideration  
☒ Return Receipt Postcard

**Fee calculation:**

- ☒ No additional fee is required.  
☒ Small Entity.  
☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).  
☐ A petition or processing fee in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_).  
☐ An additional filing fee has been calculated as shown below:

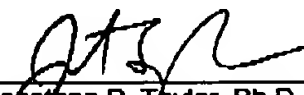
					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$9=			x \$18=	
Indep.		Minus			x 44=			x \$88=	
First Presentation of Multiple Dep. Claim					+ \$150=			+ \$300=	
Total					\$			Total \$	

**Fee payment:**

- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed.  
☐ Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.  
☐ Payment by credit card in the amount of \$\_\_\_\_\_ (Form PTO-2038 is attached).  
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

October 12, 2004  
Date

  
Jonathan P. Taylor, Ph.D. (Reg. No. 48,338)

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NRC Tower - Suite 3800 455 N. Columbus Plaza Drive Chicago, IL 60611-5500

I hereby certify that this correspondence is being sent via facsimile to Examiner Nikolas J. Uhler at 703-872-9306, Group 1773, to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 14, 2004.

Jonathan P. Taylor, Reg. No. 48,338

Name of applicant, assignee or  
Registered Representative

  
Signature

10-12-04  
Date of Signature

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OCT 12 2004

Our Case No. 7814/43

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Philippe Guyot-Sionnest

Serial No. 09/694,090

Filing Date: October 19, 2000

For DOPED SEMICONDUCTOR  
NANOCRYSTALS

Examiner Nikolas J. Uhler

Group Art Unit No. 1773

## AMENDMENT AND REQUEST FOR RECONSIDERATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This communication is in response to the telephone discussion between the Examiner and Applicants' representative on October 12, 2004. Applicants respectfully request that the Examiner reconsider the rejection in view of the following amendments and remarks, as set forth below:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.